

SWBAT: convert voltage to motion

Jan 4-7:20 AM

Welcome!!!

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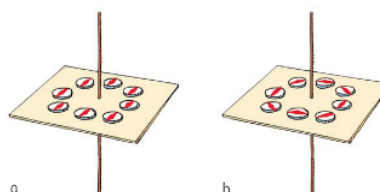
SECA Physics
Friday 20 March 2015

Need to take the
test?

- * Pick up:
- slip of paper (for later)

Opening Questions:

Currents generate magnetic fields.
So,... what happens if you bring a magnet near a
wire?

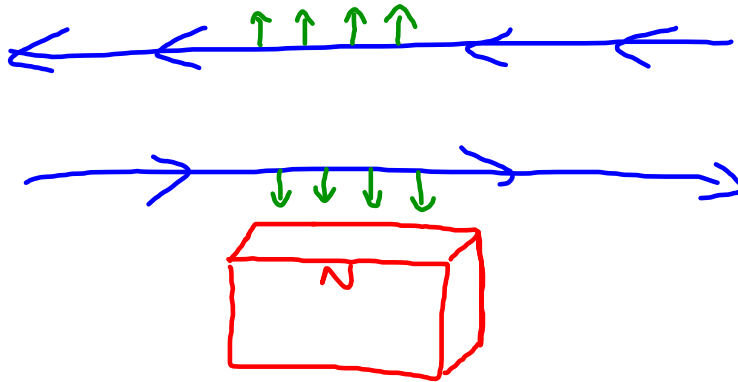


Centering

Sep 7-7:04 AM

Current and Magnets:

- Wire with current deflects a compass needle
- Magnets attract and repel each other
- What happens to a wire with current over a magnet?

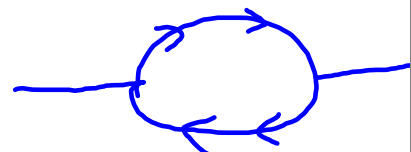
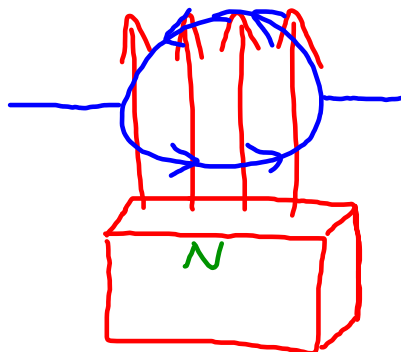


Mar 29-7:38 AM

Electric Motors

Partner up:

- one in charge of directions
- one in charge of building
- Turn electric potential energy into useful kinetic energy:
electricity into **motion**.
- What's up with the half-insulated wire???



What did we build today?

Mar 29-7:37 AM

Daily 3 Questions

- * Every day except test/project days
- * 3 Questions on the topics of the day
- * Main source of daily points
- * I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

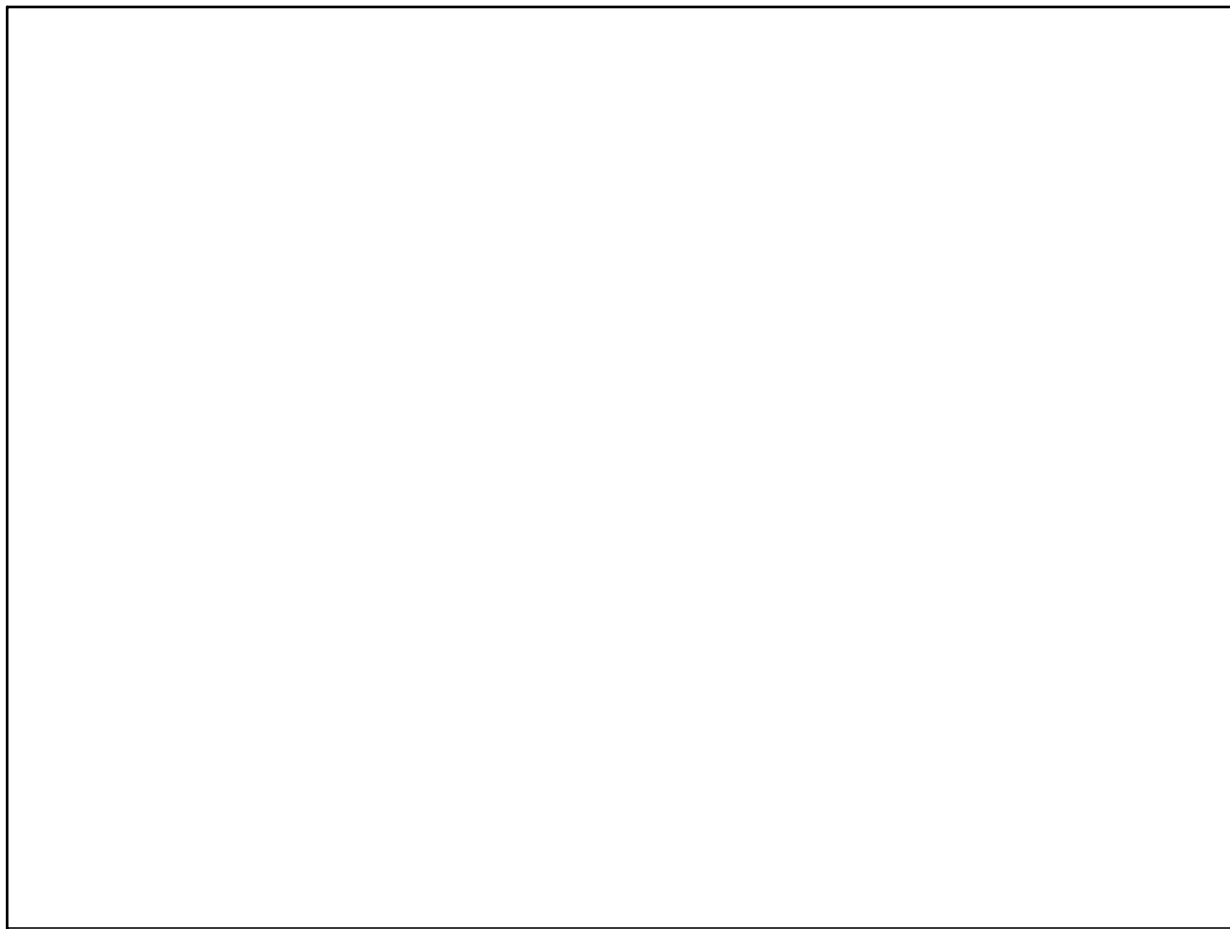
1. An electric motor turns electric potential energy (electricity) into MOTION.

KINETIC ENERGY

2. To make the motor, one tail should have NO insulation on it, and the other tail should HAVE HALF.

3. True or False: Magnets can make a wire with current move.

Mar 23-7:57 AM



Mar 24-10:27 AM